



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBT400219
Job Sheet 201354



Part No: RBT400219

Job Qty: 2 pcs

Part Name: Wrench Assembly



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/1/19

Job Tracking No:

Created By: Patrick Lussier

Due Date: 10/29/19

Description:

Type: Stock

Note: DWG RBT400219 Rev 4 IPP Rev. A 19.09.30 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter / Supplier Lead Time	Sign-off
					Setup Hrs	Run Hrs		
115	Purchasing	2 pcs	10/29/19	10/29/19	0.00	0.00	Purchasing - 1 Purchasing - 2 Purchasing - 3	NE OCT 29 2019
120	Packaging 2-1 - Receive - B4B	2 pcs	10/29/19	10/29/19	0.00	0.00	Packaging 2 - 1 - B4B Packaging 2 - 2 - B4B Packaging 2 - 3 - B4B Packaging 2 - 5 - B4B Packaging 2 - 4 - B4B Packaging 2 - 6 - B4B Packaging 2 - 7 - B4B Packaging 2 - 8 - B4B Packaging 2 - 9 - B4B Packaging 2 - 10 - B4B Packaging 2 - 11 - B4B Packaging 2 - 12 - B4B Packaging 2 - 13 - B4B Packaging 2 - 14 - B4B Packaging 2 - 15 - B4B Packaging 2 - 16 - B4B Packaging 2 - 17 - B4B Packaging 2 - 18 - B4B Packaging 2 - 19 - B4B Packaging 2 - 20 - B4B Packaging 2 - 21 - B4B Packaging 2 - 22 - B4B Packaging 2 - 23 - B4B Packaging 2 - 24 - B4B Packaging 2 - 25 - B4B Packaging 2 - 26 - B4B Packaging 2 - 27 - B4B Packaging 2 - 28 - B4B	EC OCT 29 2019



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S227583



Part: RBT400219

Job No: 201354

Serial No/Batch: S227583

Revision: 4

Inspector:

Exp Date:

Instructions:

Date: 10/29/19

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					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
125 QC 6	2 pcs	10/29/19	0.00 0.00		QC 6 - 9	
					QC 6 - 68	
					QC 6 - 61	
					QC 6 - 40	OCT 29 2019 10-89
					QC 6 - 81	
130 Packaging 3-1 - Stock - B4B	2 pcs	10/29/19	0.00 0.00		Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	MLC
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
140 QC 21 - FG	2 pcs	10/29/19	0.00 0.00		QC 21 - FG - 21	DAS OCT 30 2019 GA
					QC 21 - FG - 70	21 OCT 30 2019
					QC 21 - SA - 53	9-89 OCT 30 2019 TBD

Part Op 115 - -Issue P/O to ARROW TECH MACHINE WORKS ; P/O #B044662 -Manufacture RBT400219 as per DWG. -

Descriptions: Certificate of Conformity is required

120 - (Pac2-Receive & Inspect for Damage & Mat'l Certs.)

125 - (QC6- All purchased or subcontracted products)

130 - Identify as per dwg & Stock Location:

140 - QC21- Final Inspection - Work Order Release

x 2 plus 29 oct 2019.

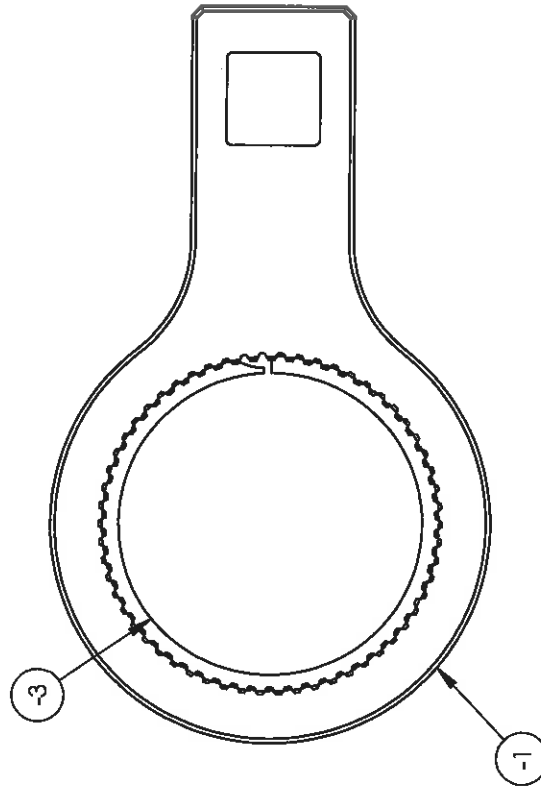
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Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
RBT400219p	Wrench Assy	2 pcs (1 ea)	115-Purchasing	S 227575
Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
115-Purchasing	RBT400219p	2	0	0
Part Specifications				
Specifications could not be found.				

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REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	PIN WAS 407-240-007-011, ADDED TOL. $\pm .003$ TO .108 PINS SPLINE DATA, ALSO ADDED NEW REV. TABLE, TITLE BLOCK, & BOM.	12/06/07	WP	DW
2	CHANGED WRENCH THICKNESS FROM .88 TO .12 PER BELL REVISION.	04/13/10	WP	DW
3	CHD CORNERS OF SQUARE DRIVE HOLE FROM CHAMFER TO R.09 AND CHD DIM. ACROSS CORNERS FROM 1.385 MIN. TO 1.346 $\pm .005$ PER D.W.	10/13/10	RJC	DW
4	REDREW TOOL USING SOLIDWORKS AND GEAR TRAX SOFTWARE.	10/11/12	RJC	SE



NOTE:
1. RBT400219 REPLACES BELL TOOL
No. 4007-240-007-101.

 RED BARN MACHINE										 WRENCH ASSEMBLY																													
TITLE																																							
DWG NO.										RBT400219										REV		4																	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: FRACTIONS ± .005 XX ± .01 X ± .1 X										DRAWN BY: CLOUGH										APPROVED		<i>D. Medel</i>																	
										DESIGNS										REV										FINISH									
										FRACTIONS ± 1/32										ANGLES ±.5°										SPEC									
										UNLESS OTHERWISE SPECIFIED										USED ON MODEL																			
										1. BREAK ALL SHARP EDGES .015 x 48° PR .015 R										BELL 407																			
2. DIMENSIONAL LIMITS APPLY AFTER PLATING										SCALE 1:2										DATE 1/3/2012		SHEET 1 OF 2																	
ASSY QTY					B/O					Part #					UNIT QTY					Description					Material					B/O INFORMATION OR SPECIFICATIONS					P.G.				
										-1					1					WRENCH					4140					1/2 X 5 X 8-1/4					2				
					X					-3					1					RETAINING RING					STEEL					APPLIED INDUSTRIAL #UR-356 SPIRAL LOCK (OR EQUIV.)					1				

10/1/2019

Order Log



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

Order Log

Order No	Order Date	Customer	Ship-To Contact	Part No	Unit Price	Amount	Quantity	Quantity Shipped	Quantity Remaining	Customer Due Date	Ship Date	Customer PO	Status	Type	Priority	Special Comments	Accounting Job No
19880	9/27/19	CASES01 Aeroservicios Especializados SA de CV - ASESA		RBT400219		\$930.00	1	0	1	12/6/19	12/6/19	21678	Open	Reactive	Medium	FEDEX ACC: 233229849	
1 Orders					Total:		\$930.00										

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1507.06 4 weeks

1385 \$ 10 weeks



Quotation

PHGE Machine Works LLC dba
Arrow Tech Machine Works
29751 E. Enid Rd. Unit C
Eugene, Oregon 97402

Date
9/27/2019

Quote #
359

Phc(541) 780-6938
FA(458) 215-4938
Em atechmachineworks@gmail.com

Customer Details
DartAerospace

Payment Terms
Withing 30 days due net
Contact
Patrick Lussie

Sales Rep
Gabriel Escobar

Qty	Item	Description	Unit Price	Amount
1	RBT400219 REV-4	WRENCH ASSY.	\$ 1,656.00	\$ 1,656.00
2	"	"	\$ 1,199.00	\$ 2,398.00

Thank You

Subtotal
Freight
Payment and Credit Applied
Total

\$ -



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PURCHASE ORDER

POHB044662



Supplier: ARR002-VU
Arrow Tech Machine Works
29751 E. Enid Road,
Unit C
Eugene, OR 97402 USA
Phone: 541-780-6938
Fax: 458-215-4938

Attention: , Ana
(541) 780-6938

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB044662

PO Date: 10/1/19

Due Date: 10/29/19

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Phone:

Pynt Terms: Net 30

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1		RBT400219p			Wrench Assy REV 4	Firmed	-	10/29/19	2 pcs	0 pcs	2 pcs	\$1,199.00/pcs	\$2,398.00
		201354				X2							

Grand Total: \$2,398.00

Order Notes

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A008 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION SENT TO DART AEROSPACE)

A012 CHEMICAL AND PHYSICAL TEST REPORTS

A016 PERSONNEL QUALIFICATION

A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

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ARROW TECH MACHINE WORKS

Certificate of Conformance

Your Purchase Order No: HB044662

Dated: 10/28/2019

Our Order / Job No: AWT-HB044662

Order Qty: 2

Part Name: WRENCH ASSEMBLY

Part Number RBT400219

Lot Size: N/A

Ship Date: 10/28/2019

~~We certify that these parts~~ shipped to you are of domestic or international manufacture and conform to all requirements of the Purchase Order. These parts have been manufactured and inspected in accordance with all required specifications, instructions and drawings. Any applicable specifications are listed below:

Drawing Number: RBT400219

Rev: 4

Material Size and Type: -1/4140 STEEL

Material Specifications: STEEL: ASTM A108

Heat Treatment: 35.5-36 RC

Plating/Finish: ZINC PLATE YELLOW: ASTM B633 TYPE 2 CLASS 2

~~Mercury Contamination:~~ The material used to process this order has not come in contact with mercury or mercury bearing instruments.

Date: 10/28/19

Signed: Hermann R. Ruhl

DAS
40
9-89

PHGE Machine Works LLC dba Arrow Tech Machine Works
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